



SHEET 1 OF 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2060-86	SERIAL NO. 10/600,117 10/260,044
	APPLICANT BRODERICK Lovell et al.	
	FILING DATE June 29, 2003 September 23, 2002	GROUP ART 1724

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

CAS	1	"Appendix B: Arsenic and Clarifications to Compliance and New Source Contaminants Monitoring; Final Rule (66 FR 6976)"; <i>Environmental Protection Agency</i> ; August 2002; pp. 1-174
	2	"Arsenic Drinking Water"; <i>The National Academies Press</i> ; 1999; 5 pp.
	3	"Arsenic in Bangladesh Ground Water: World's Greatest Arsenic Calamity"; <i>International Conference</i> , Wagner College, Spiro Hall; Staten Island, NY, USA; February 27-28, 1999; 32 pgs.
	4	"Arsenic in Drinking Water: Treatment Technologies for Arsenic Decision Tree, Variances and Exemptions"; <i>Environmental Protection Agency</i> , June 2-3, 1999; pp. 1-9; website: http://www.epa.gov/cgi-bin/epaprintonly.cgi
	5	"Arsenic Toxicity"; <i>Agency for Toxic Substances and Disease Registry</i> ; October 2000; pp. 1-42
	6	"Arsenic Treatment Technologies for Soil, Waste, and Water"; <i>US Environmental Agency</i> ; September 2002; pp. 1 - 16-4
	7	Balasubramanian et al.; "Arsenic Removal from Industrial Effluent through Electrocoagulation"; <i>Chem. Eng. Technol.</i> ; 2001, Vol. 24, No. 5; pp. 519-521
	8	Chwirka et al.; "Removing Arsenic from Groundwater"; <i>Journal AWWA - Executive Summary</i> ; March 2000, Vol. 92, No. 3, 2 pp.; website: http://www.awwa.org/Communications/journal/Archives/j300es4.htm
	9	Davis; "Aqueous Silica in the Environment: Effects on Iron Hydroxide Surface Chemistry and Implications for Natural and Engineered Systems"; <i>Master's Thesis, Virginia Polytechnic Institute and State University</i> ; May 9, 2000; pp. 1-30
CAS	10	"Demonstration Project Summary: Arsenic Treatment Technology Demonstration"; <i>TAC, Montana University System Water Center</i> ; March 2001; 4 pp.

EXAMINER <i>Ch. Johnson</i>	DATE CONSIDERED 7/5/05
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	2	"Arsenic Drinking Water"; <i>The National Academies Press</i> ; 1999; 5 pp.
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	5	"Arsenic Toxicity"; <i>Agency for Toxic Substances and Disease Registry</i> ; October 2000; pp. 1-42
	6	"Arsenic Treatment Technologies for Soil, Waste, and Water"; <i>US Environmental Agency</i> ; September 2002; pp. 1 - 16-4
	7	Balasubramanian et al.; "Arsenic Removal from Industrial Effluent through Electrocoagulation"; <i>Chem. Eng. Technol.</i> ; 2001, Vol. 24, No. 5; pp. 519-521
	8	Chwirka et al.; "Removing Arsenic from Groundwater"; <i>Journal AWWA - Executive Summary</i> ; March 2000, Vol. 92, No. 3, 2 pp.; website: http://www.awwa.org/Communications/Journal/Archives/j300es4.htm
	9	Davis; "Aqueous Silica in the Environment: Effects on Iron Hydroxide Surface Chemistry and Implications for Natural and Engineered Systems"; <i>Master's Thesis, Virginia Polytechnic Institute and State University</i> ; May 9, 2000; pp. 1-30
	10	"Demonstration Project Summary: Arsenic Treatment Technology Demonstration"; <i>TAC, Montana University System Water Center</i> ; March 2001; 4 pp.
CAS	11	Drieaus et al.; "Granular Ferric Hydroxide - A New Absorbent for the Removal of Arsenic from Natural Water"; <i>J. Water SRT - Aqua</i> ; 1998 Vol. 47, No. 1; pp. 30-35

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	APPLICANT LOVELL et al.	
	FILING DATE June 20, 2003	GROUP ART 1724

CAT	12	"EPA Needs More Stringent Standard for Arsenic in Drinking Water"; <i>US Water News Online</i> ; April 1999; 3 pgs.; website: http://www.uswaternews.com/archives/arcquality/9epanee4.htm .
	13	Fields et al.; "Arsenic Removal from Drinking Water by Coagulation/Filtration and Lime Softening Plants"; <i>National Risk Management Research Laboratory, US Environmental Protection Agency in Cincinnati, OH</i> ; June 2000; pp. 1-96
	14	"Future Water Needs in Colorado"; <i>Colorado State Demographer</i> ; 1994; 1 pg.; website: http://waterknowledge.colostate.edu/future.htm
	15	Hering et al.; "Arsenic Removal by Ferric Chloride"; <i>Journal AWWA</i> ; April 1996; pp. 155-167
	16	Kiura et al.; "Bactericidal Activity of Electrolyzed Acid Water from Solution Containing Sodium Chloride at Low Concentration, in Comparison with that at High Concentration"; <i>Journal of Microbiological Methods</i> ; 2002, Vol. 49, pp. 285-293
	17	Kraft et al.; "Electrochemical Water Disinfection Part I: Hypochlorite Production from Very Dilute Chloride Solutions"; <i>Journal of Applied Electrochemistry</i> ; 1999; Vol. 29, pp. 861-868
	18	Lepkowski; "Arsenic Crisis Spurs Scientists"; <i>C & EN</i> ; May 17, 1999; pp. 45-49
	19	"List of Drinking Water Contaminants & MCLs"; <i>US Environmental Protection Agency</i> ; (Last updated March 18, 2004); pp. 1-12 and 1-6
	20	Mollah et al.; "Electrocoagulation (EC) - Science and Applications"; <i>Journal of Hazardous Materials</i> , B84; 2001, pp. 29-41
	21	Monita et al.; "Disinfection Potential of Electrolyzed Solutions Containing Sodium Chloride at Low Concentrations"; <i>J Viro Methods</i> ; March 2000; Vol. 85(1-2); pp. 163-174
	22	Nolan; "National Statistical Analysis of Nutrient Concentrations in Ground Water"; URL: http://water.usgs.gov/nawqa/nutrients/datasets/nutconc2000/ ; 4 pgs. <i>No dak.</i>
	23	"Proven Alternatives for Aboveground Treatment of Arsenic in Groundwater"; <i>US Environmental Protection Agency</i> , October 2002; pp. 1 - E-2
	24	"Public Health Statement for Arsenic"; <i>Agency for Toxic Substances and Disease Registry</i> ; September 2000; 12 pgs.; website: http://www.atsdr.cdc.gov/ToxProfiles/phs8802.html
	25	Renk; "Treatment of Hazardous Wastewaters by Electrocoagulation"; <i>Colorado Hazardous Waste Management Society</i> ; November 6-7, 1989; 12 pgs.
	26	Smith et al.; "Contamination of Drinking-Water by Arsenic in Bangladesh: A Public Health Emergency"; <i>World Health Organization</i> ; 2000; pp. 1093-1103
	27	Welch et al.; "Arsenic in Ground-Water Resources of the United States"; <i>US Geological Survey</i> ; May 2000; 4 pgs.
CAT	28	Woodwell et al.; "Water Efficiency for Your Home"; <i>Rocky Mountain Institute 3rd Edition</i> ; 1995; pp. 1-18

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	APPLICANT LOVELL et al.	
	FILING DATE June 20, 2003	GROUP ART 1724

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
CAS	AA	US 2004/0013589 A1	1/22/04 (Pub. Date)	VOSTEEN ET AL.	B01D	53/64	
I	AB	6,638,347	10/28/03	EL-SHOUBARY ET AL.	B01D	53/04	
I	AC	US 2003/0161771 A1	8/28/03 (Pub. Date)	OEHR	B01D	53/64	
CAS	AD	5,435,980	7/25/95	FELSVANG ET AL.	C01G	13/04	

FOREIGN PATENT DOCUMENTS

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							YES	NO
CAS	AE	WO 03/093518 A1	11/13/03	PCT	C22B	43/00		
	AF							

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	AG	
	AH	
	AI	

EXAMINER <i>di john</i>	DATE CONSIDERED 6/31/05
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
CAS	AA	3,677,696	07/18/72	P. Bryk et al.	23	2	
	AB	3,961,031	06/01/76	Yasui et al.	423	210	
	AC	4,160,730	07/10/79	Nguyen	210	48	
	AD	4,443,417	06/17/84	Wiklund	423	210	
	AE	4,583,999	06/22/86	Lindahl et al.	55	68	
	AF	4,693,731	09/15/87	Tarakad et al.	55	72	
	AG	5,294,417	03/15/94	Moore et al.	423	101	
	AH	6,153,108	11/28/00	Klock et al.	210	722	
	AI	6,214,304 B1	04/10/01	Rosenthal et al.	423	210	
	AJ	6,284,208 B1	09/04/01	Thomassen	423	210	
	AK	6,294,139 B1	09/25/01	Vicard et al.	423	210	
	AL	6,447,740 B1	09/10/02	Caldwell et al.	423	210	
	AM	6,534,024 B2	03/18/03	Honjo et al.	423	210	
	AN	2001/0007647 A1	07/12/01	Honjo et al.	423	210	11/30/00
CAS	AO	2003/0099585 A1	05/29/03	Allgulin	423	210	10/17/02

EXAMINER <i>C. Johnson</i>	DATE CONSIDERED 6/1/05 7/5/05
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CAS	AA	1,697,095	1/01/29	Turner			
	AB	2,145,901	2/07/39	Shoemaker	210	23	
	AE	2,367,496	1/16/45	Greentree	252	299	
	AD	2,860,952	11/18/58	Bergeron et al.	23	134	
	AE	3,194,629	7/13/65	Dreibelbis et al.	23	2	
	AF	3,201,149	8/17/65	Bragg	285	39	
	AG	3,232,033	2/01/66	Williston et al.	55	387	
	AH	3,257,776	6/28/66	Park et al.	55	72	
	AI	3,374,608	3/26/68	Manes	55	72	
	AJ	3,499,837	3/10/70	Jaunarajs	210	59	
	AK	3,516,947	6/23/70	Dudzik	252	439	
	AL	3,576,947		Kruger	178	69.5	1/16/69
	AM	3,674,428	7/04/72	Dean et al.	23	134	
	AN	3,740,331	6/19/73	Anderson et al.	210	53	
	AO	3,749,761	7/31/73	Dean et al.	423	562	
	AR	3,755,161	8/28/73	Yokota et al.	210	38	
	AD	3,790,370	2/05/74	Lalancette	75	108	
	AR	3,835,217	9/10/74	Dunsmoor	423	499	
	AS	3,847,598	11/12/74	Coulter et al.	75	121	
	AT	3,857,704	12/31/74	Coulter	75	121	
	AU	3,864,327	2/04/75	Marchant	260	231A	
	AV	3,873,581	3/25/75	Fitzpatrick et al.	260	370	
	AW	3,876,451	4/08/75	Zall	117	62	
	AA	3,890,225	6/17/75	Kajiyama	210	38	
	AY	3,935,098	1/27/76	Oda, et al.	210	38	
	AZ	3,947,354	3/30/76	Swanson et al.	210	53	
	BA	3,948,863	4/06/76	Akamatsu et al.	260	78A	
CAS	BB	3,969,244	7/13/76	Kobayashi et al.	210	38B	

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(A)	BC	3,984,606	10/05/76	Morgan	428	419	
	BD	3,994,719	11/30/76	Corte et al.	75	101BE	
	BE	3,999,825	12/28/76	Cannon	339	15	
	BF	4,008,937	2/22/77	Filippi	339	15	
	BG	4,038,071	7/26/77	Di Bella	75	108	
	BH	4,051,316	9/27/77	Wing et al.	536	107	
	BI	4,053,401	10/11/77	Fukushima et al.	210	52	
	BJ	4,069,140	1/17/78	Wunderlich	208	251H	
	BK	4,072,605	2/7/78	Thelander	210	50	5/25/76
	BL	4,083,783	4/11/78	Wing et al.	210	54	
	BM	4,087,359	5/02/78	Patron, et al.	210	50	
	BN	4,094,777	6/13/78	Sugier et al.	210	32	
	BO	4,101,631	7/18/78	Ambrosini et al.	423	210	
	BP	4,108,769	8/22/78	Krieg et al.	210	50	3/22/77
	BQ	4,118,243	10/03/78	Sandersara	106	109	
	BR	4,133,755	1/09/79	Tarao, et al.	210	38B	
	BS	4,147,626	4/03/79	Findlay et al.	210	52	
	BT	4,151,077	4/24/79	Nogueira, et al.	210	21	
	BU	4,153,556	5/08/79	Riedinger	210	218	
	BV	4,196,173	4/01/80	deJong et al.	423	210	
	BW	4,230,486	10/28/80	Capuano et al.	75	81	
	BX	4,233,274	11/11/80	Allgulin	423	210	
	BY	4,238,329	12/09/80	Zievers	210	36	
	BZ	4,245,989	1/20/81	Folkenroth et al.	433	92	7/9/79
	CA	4,249,786	2/10/81	Mahoff	339	15	
	CB	4,256,227	3/17/81	Petrovich	209	166	
	CC	4,256,707	3/17/81	Flynn, Jr. et al.	423	42	
	CD	4,260,494	4/07/81	Dotson et al.	210	721	
	CE	4,273,747	6/16/81	Rasmussen	423	210	
	CF	4,285,564	8/25/81	Spinner	339	89C	
(A)	CG	4,340,623	7/20/82	Justus	427	361	

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CAS	CH	4,354,942	10/19/82	Kaczur et al.	210	712	
	CI	4,363,749	12/14/82	Weiss et al.	252	455R	
	CJ	4,377,483	3/22/83	Yamashita et al.	210	670	
	CK	4,385,891	5/31/83	Ligotti	433	92	
	CL	4,419,107	12/06/83	Roydhouse	55	5	
	CM	4,459,370	7/10/84	van der Wal et al.	502	338	
	CN	4,474,896	10/02/84	Chao	502	216	
	CO	4,500,327	2/19/85	Nishino et al.	55	72	
	CP	4,564,374	1/14/86	Hofmann	55	57	
	CQ	4,591,437	5/27/86	Emryd et al.	210	265	6/1/83
	CR	4,599,177	7/08/86	Hayashi et al.	210	718	
	CS	4,614,592	9/30/86	Googin et al.	210	679	
	CT	4,654,322	3/31/87	Holbein, et al.	502	403	
	CU	4,670,160	6/02/87	Moriya, et al.	210	728	
	CV	4,695,447	9/22/87	Shultz	423	659	
	CW	4,709,118	11/24/87	Yan	585	820	
	CX	4,721,582	1/26/88	Nelson	252	189	
	CY	4,731,187	3/15/88	Moriya et al.	210	719	
	CZ	4,752,398	6/21/88	Holbein, et al.	210	679	
	DA	4,753,632	6/28/88	Hofmann et al.	494	43	11/25/86
	DB	4,764,219	8/16/88	Yan	134	2	
	DC	4,764,355	8/16/88	Romey et al.	423	244	
	DD	4,771,030	9/13/88	Audeh	502	414	
	DE	4,786,483	11/22/88	Audeh	423	210	
	DF	4,786,484	11/22/88	Nelson	423	239	
	DG	4,814,091	3/21/89	Napier et al.	210	665	
	DH	4,814,152	3/21/89	Yan	423	210	
	DI	4,834,953	5/30/89	Audeh	423	210	
CAS	DJ	4,843,102	6/27/89	Horton	521	28	

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CAS	DK	4,844,815	7/04/89	Ader et al.	210	751	
	DL	4,861,493	8/29/89	Jansen	210	715	
	DM	4,877,515	10/31/89	Audeh	208	251R	
	DN	4,892,567	1/09/90	Yan	55	33	
	DO	4,902,662	2/20/90	Toulboat et al.	502	216	
	DP	4,909,926	3/20/90	Yan	208	253	
	DQ	4,909,944	3/20/90	Jackson et al.	210	674	
	DR	4,911,825	3/27/90	Roussel et al.	208	251R	
	DS	4,915,818	4/10/90	Yan	208	251	
	DT	4,917,862	4/18/90	Kraw et al.	423	4	
	DU	4,919,826	4/24/90	Alzner	210	788	
	DV	4,933,158	6/12/90	Aritsuka et al.	423	210	
	DW	4,950,408	8/21/90	Duisters et al.	210	660	
	DX	4,962,276	10/09/90	Yan	585	867	
	DY	4,969,995	11/13/90	Jackson et al.	210	263	
	DZ	4,985,389	1/15/91	Audeh	502	516	
	EA	4,986,898	1/22/91	Torihata et al.	208	251	
	EB	5,017,135	5/21/91	Meyer	433	92	
	EC	5,034,054	7/23/91	Woodward	75	388	
	ED	5,053,209	10/01/91	Yan	423	210	
	EE	5,062,948	11/05/91	Kawazoe et al.	208	251	
	EF	5,064,626	11/12/91	Johnson et al.	423	245.1	
	EG	5,080,799	1/14/92	Yan	210	661	5/23/90
	EH	5,085,844	2/04/92	Nowack et al.	423	245.1	
	EI	5,107,060	4/21/92	Yan	585	823	
	EJ	5,114,578	5/19/92	Sundström	210	256	2/12/91
CAS	EK	5,120,515	5/09/92	Audeh et al.	423	210	

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(A)	EL	5,141,724	8/25/92	Audeh et al.	423	210	
	EM	5,154,833	10/13/92	Robinson	210	664	
	EN	5,173,286	12/22/92	Audeh	423	566.1	
	EO	5,192,163	3/09/93	Fleming	405	128	
	EP	5,202,301	4/13/93	McNamara	502	417	
	EQ	5,209,773	5/11/93	Audeh et al.	75	388	
	ER	5,227,053	7/13/93	Brym	210	143	11/30/90
	ES	5,238,488	8/24/93	Wilhelm	75	742	
	ET	5,245,106	9/14/93	Cameron et al.	585	823	
	EU	5,248,488	9/28/93	Yan	423	210	
	EV	5,298,168	3/29/94	Guess	210	713	
	EW	5,304,693	4/19/94	Boitiaux et al.	585	648	
	EX	5,308,500	5/03/94	Schwarzbach	210	716	
	EY	5,322,628	6/21/94	Yan	210	673	
	EZ	5,330,658	7/19/94	Grant et al.	210	717	3/17/93
	FA	5,336,835	8/09/94	McNamara	585	820	
	FB	5,338,444	8/16/94	van Buren, et al.	210	660	
	FC	5,357,002	10/18/94	Lezzi et al.	525	332.2	
	FD	5,360,632	11/01/94	Johnson et al.	427	212	
	FE	5,369,072	11/29/94	Benjamin et al.	502	84	
	FF	5,370,827	12/6/94	Grant et al.	588	18	4/2/93
	FG	5,391,217	2/21/95	Zoche	75	724	
	FH	5,409,522	4/25/95	Durham et al.	75	670	
	FI	5,419,884	5/30/95	Weekman et al.	423	210	
	FJ	5,421,994	6/06/95	Sarrazin et al.	208	251R	
	FK	5,437,797	8/01/95	Helmig	210	669	
CAJ	FL	5,460,643	10/24/95	Hasenpusch et al.	95	134	

EXAMINER <i>C. Johnson</i>	DATE CONSIDERED 7/5/05
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CA	FM	5,463,167	10/31/95	Ou	585	823	
	FN	5,492,627	2/20/96	Hagen et al.	210	651	
	FO	5,523,067	6/04/96	Markovs	423	99	
	FP	5,536,416	7/16/96	Coltrinari et al.	210	723	
	FQ	5,569,436	10/29/96	Lerner	422	170	
	FR	5,577,910	11/26/96	Holland	433	92	5/27/94
	FS	5,599,515	2/04/97	Misra et al.	423	101	
	FT	5,607,496	3/04/97	Brooks	75	670	
	FU	5,613,851	3/25/97	Trawöger et al.	433	92	
	FV	5,658,487	8/19/97	Carey et al.	252	180	
	FW	5,667,695	9/16/97	Bedard et al.	210	681	5/20/96
	FX	5,670,122	9/23/77	Zamansky et al.	423	210	
	FY	5,679,259	10/21/97	Bolser	210	719	
	FZ	5,695,726	12/09/97	Lerner	423	210	
	GA	5,741,397	4/21/98	Kraver	159	25.2	
	GB	5,753,125	5/19/98	Kreislser	210	710	
	GC	5,795,159	8/18/98	Ralls et al.	433	92	2/2/96
	GD	5,797,742	8/25/98	Fraker	433	92	2/29/96
	GE	5,846,434	12/08/98	Seaman et al.	210	724	
	GF	5,880,060	3/9/99	Blake et al.	502	411	8/28/96
	GG	5,885,076	3/23/99	Ralls et al.	433	92	12/1/95
	GH	5,898,093	4/27/99	Vos	588	236	
	GI	5,900,042	5/04/99	Mendelsohn et al.	75	742	
	GJ	5,907,037	5/25/99	Gujral et al.	536	59	
	GK	5,908,559	6/01/99	Kreislser	210	710	
	GL	5,919,001	7/06/99	Lin	405	128	
CAJ	GM	5,922,277	7/13/99	Donhoff et al.	422	1	

EXAMINER <i>Car. Johnson</i>	DATE CONSIDERED <i>7/5/05</i>
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CAJ	GN	5,967,965	10/19/99	Vyshkina et al.	588	256	
	GO	5,976,270	11/02/99	Zeletz et al.	134	28	
	GP	5,976,383	11/02/99	Guess et al.	210	711	
	GQ	5,986,161	11/16/99	Akae et al.	588	231	
	GR	6,022,216	2/08/00	Cattani	433	92	
	GS	6,024,239	2/15/00	Turner et al	220	269	
	GT	6,083,306	7/04/00	Cattani	96	157	
	GU	6,083,473	7/04/00	Esquivel et al.	423	576.8	
	GV	6,103,205	8/15/00	Wojtowicz et al.	423	210	
	GW	6,132,623	10/17/00	Nikolaidis et al.	210	719	
	GX	6,139,485	10/31/00	Pal et al.	588	256	
	GY	6,139,751	10/31/00	Bogaert et al.	210	679	
	GZ	6,165,366	12/26/00	Sarangapani	210	666	
	HA	6,270,679 B1	8/07/01	Kreislser	210	710	
	HB	6,274,045 B1	8/14/01	Kreislser	210	710	
	HC	6,322,613 B1	11/27/01	Wojtowicz et al.	95	107	
	HD	6,372,187 B1	4/16/02	Madden et al.	422	171	
	HE	6,375,909 B1	4/23/02	Dangtran et al.	423	235	
	HF	6,387,276 B1	5/14/02	Nikolaidis et al.	210	719	
	HG	6,403,044 B1	6/11/02	Litz et al.	423	101	
	HH	6,524,371 B2	2/25/03	El-Shoubary et al.	95	134	
	HI	6,533,842 B1	3/18/03	Maes et al.	95	134	
	HJ	6,558,642 B2	5/06/03	El-Shoubary et al.	423	245-3	
	HK	10/134,178		Lovell			4/26/02
	HL	09/794,557		Albiston et al.			2/27/01
	HM	09/997,932		Broderick et al.			11/28/01
CAJ	HN	10/253,944		Broderick			9/23/02

EXAMINER <i>C. Johnson</i>	DATE CONSIDERED 7/5/05
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CAS	HO	10/681,671		Lovell		10/07/03
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
CAS	HP	DE 3813 264 A1	11/10/88	Germany			X	
	HQ	WO 02/096559 A1	5/31/01	PCT			NA	NA
	HR	JP 48026672 A	4/07/73	Japan			X	
	HS	JP 51069483	6/16/76	Japan			X	
	HT	DE 41 23907 A1	1/21/93	Germany			X	
	HU	DE 44 22 468 A1	1/04/96	Germany			X	
	HV	CA 2,173,171	10/26/96	Canada			X	
CAS	HW	CA 2,173,271	2/23/99	Canada			X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

CAS	HX	January 20, 2003 print-out of E-watertechnologies' website at http://www.e-watertechnologies.com regarding Whole House Anion Water Conditioner, 2 pages.
	HY	January 20, 2003 print-out of E-watertechnologies' website at http://www.e-watertechnologies.com regarding Whole House Reverse Osmosis System, 4 pages.
	IA	January 20, 2003 print-out of Wholly Water® website at http://www.wholly-water.com regarding The Ultimate Drinking Water Purification System, 9 pages.
	IB	January 20, 2003 print-out of Prostar Mechanical Technologies Ltd. website at http://www.prostar-mechanical.com regarding Water Purification Systems and Equipment, 4 pages.
	IC	January 20, 2003 print-out of A1 Ultra Pure Drinking Water's website at http://www.a1ultrapure.com/drink.html regarding Drinking Water Systems, 8 pages.
	ID	January 21, 2003 print-out of Apyron Technologies' website at http://www.apyron.com/home.html beginning with home page and including The Complete Arsenic Treatment Solution, 15 pages.
CAS	IE	January 20, 2003 print-out of USFilter website at http://www.usfilter.com/water regarding GFHTM Granular Ferric Hydroxide Media, 2 pages.

EXAMINER <i>John</i>	DATE CONSIDERED 7/5/05
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CAJ	IF	January 20, 2003 print-out of Severn Trent Services at http://www.severntrentservices.com regarding SORB33, 2 pages.
	IG	January 20, 2003 print-out of ADI website at http://www.adi.ca regarding Arsenic Removal, 1 page.
	IH	January 20, 2003 print-out of TRAMFLOC, INC. website at http://www.tramfloc.com regarding Application of ActiGuard AAFS50 to Arsenic Removal, 3 pages.
	II	January 20, 2003 print-out of Waste Technolgoies of Australia Pty. Ltd. (Arsenic Solutions Information Page, Solutions and Resources) at http://www.arsenic-solutions.com regarding Simple Arsenic Removal Process (site under reconstruction), 2 pages.
	IJ	January 20, 2003 print-out of WRT website at http://wrtmet.com regarding The Z-33™ Arsenic Removal Process, 1 page.
	IK	Agion Antimicrobial, Agion Technologies L.L.C., The Most Advanced Antimicrobial Silver Delivery System, An Introduction, 10 page. <i>No date.</i>
	IL	Bayer Corporation, Plastics Division, "Wheel Covers, Center Caps Become Revolving Art Forms With New Film Insert Molding Technology," 4 pages. <i>No date.</i>
	IM	Brown, et al; "Mercury Measurement and Its Control: What We Know, Have Learned, and Need to Further Investigate;" J. Air & Water Manage. Assoc., pp. 1-97; June 1999
	IN	Gash, et al; "Efficient Recovery of Elemental Mercury from Hg(II)-Contaminated Aqueous Media Using a Redox-Recyclable Ion-Exchange Material;" Environ. Sci. Technol. 1988, 32, 1007-1012
	IO	Dorhout and Strauss; "The Design, Synthesis, and Characterization of Redox-Recyclable Materials for Efficient Extraction of Heavy Element Ions form Aqueous Waste Streams;" 1999 American Chemical Society, pp. 53-68.
	IP	Rose, Arthur W., Hawkes, Herbert E., Webb, John S., "Geochemistry in Mineral Exploration," Second Edition, 1979, 3 pgs.
	IQ	Maximum Separation Systems brochure, 7 pgs. <i>No date.</i>
	IR	Maximum Product Information brochure, printed April 14, 2000 from website http://www.amalgamseparators.com , 3 pgs.
	IS	April 14, 2000 printout of ISOSEP® found at website http://www.drs.nl , 2 pgs.
	IT	Maximum Separation Systems, Inc. Model 2000 Type 4 Amalgam Separator brochure, 1 pg. <i>No date.</i>
	IU	Metasys brochure, 2 pgs. <i>No date.</i>
CAJ	IV	ADA Technologies, Inc. Final Progress Report Entitled "CLEANUP OF DENTAL AMALGAM WASTE TO MEET SEWER DISCHARGE REGULATIONS;" Grant No. 1 R43 ES07886-01, April 28, 1997, 43 PGS.

EXAMINER <i>Ch Johnson</i>	DATE CONSIDERED <i>2/5/05</i>
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CAS	IW	Bindsley; "DENTAL OFFICE WASTE STREAM CHARACTERIZATION STUDY;" Municipality of Metropolitan Seattle, Royal Dental College, Adv. Dent. Res. 6:125-130, Sept. 1991, 60 pgs.
	IX	Bill Johnson; Technical Memorandum on "MERCURY SOURCE IDENTIFICATION UPDATE: DENTAL OFFICES AND HUMAN WASTE;" EIP Associates; March 2, 1999, 25 pgs.
	IY	"Scientific Review of Issues Impacting Dentistry;" Naval Dental Research Institute; Vol. 2, No. 1, January 2000, 5 pgs.
	IZ	Pederson et al.; "The Removal of Mercury from Dental-Operatory Wastewater by Polymer Treatment;" Naval Dental Research Institute, Environmental Health Perspectives Vol. 107, No. January 1, 1999, 6 pgs.
	JA	Kümmerer et al.; "Mercury Emissions from Dental Chairs by Disinfection;" Institute of Environmental Medicine and Hospital Epidemiology, University Hospital Freiburg, <i>Chemosphere</i> , Vol. 35, No. 4, pps. 827-833, 1997.
	JB	Fan et al.; "Environmental issues in dentistry - mercury*;" International Dental Journal (1997)47, 105-109. *Project Initiated and report approved by FDI Commission.
	JC	"Best Management Practices for Dental Waste;" City of Boulder Public Works/Utilities; 9 pgs. No date.
	JD	Batchu et al., "Comparison of Particle Size Distributions of Dental Wastewater Under Various Clinical Procedures;" Naval Dental Research Institute Great Lakes, Illinois, 19 pgs. No date.
	JE	Cailas et al., "Physico-chemical Properties of Dental Wastewater;" Water Environmental Federation, Chicago, Illinois, October 1994, 11 pgs.
	JF	Arenholt-Bindsley and Larsen; "Mercury Levels and Discharge in Waste Water from Dental Clinics;" Waste, Air and Soil Pollution; 86:93-99, January 1996, 8 pgs.
	JG	Letzel et al.; "An Estimation of the Size Distribution of Amalgam Particles in Dental Treatment Waste;" J. Dent. Res. 76(3): 780-788; March 1997.
	JH	Listing of Abstracts from Int'l Conference "Arsenic in Bangladesh Ground Water: World's Greatest Arsenic Calamity," February 22-28, 1999, 22 pgs.
	JI	EPA "Arsenic in Drinking Water: Treatment Technologies for Arsenic Decision Tree, Variances and Exemptions," June 2-3, 1999, 9 pages.
	JJ	Driehaus, et al., "Granular ferric hydroxide - a new absorbent for the removal of arsenic from natural water," J. Water SRT - Aqua 47, 1998, abstract and pages 59-68.
CAS	JK	Murcott, Susan, Appropriate Remediation Technologies for Arsenic-Contaminated Wells," Massachusetts Institute of Technology, "Arsenic in Bangladesh Ground Water" Wagner College, Staten Island, New York, February 27-28, 1999, 13 pgs.

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CAS	JL	ADA Technologies, Inc., "Turnkey Arsenic Removal for Small Water Systems," Topic #AF03-265, Proposal #F031-0720, 3 pgs. <i>No date.</i>
	JM	Stewart et al., "Stabilization of Radioactively Contaminated Elemental Mercury Wastes," DOE Spectrum 1998 Conference.
	JN	Sittig, 1973, Pollutant Removal Handbook: 286-294.
	JO	Grant et al., 1987, Grant & Hackh's Chemical Dictionary: 25, 29.
	JP	Barth, 1990, The SITE Demonstration of the CHEMFIx Solidification/Stabilization Process at the Portable Equipment Salvage Company Site: 166-170.
	JQ	Huang et al., 1991, Emissions of Airborne Toxics from Coal-Fired Boilers: Mercury: 13-16.
	JR	Superfund Innovative Technology Evaluation, 1992.
	JS	Trezek, 1992, Remediation of Heavy Metals in Soils and Sludges: 1-5.
	JT	Darnell et al., 1992, Full-Scale Tests of Sulfur Polymer Cement and Non-radioactive Waste in Heated and Unheated Prototypical Containers: iii-A-8.
	JU	Blumbach et al., 1992, Sorbalit - A New Economic Approach Reducing Mercury and Dioxin Emissions: 2-20.
	JV	Hartenstein, 1992, A Fixed Bed Activated Coke/Carbon Filter as a Final Gas Cleaning Stage Retrofitted for a Hazardous Waste Incineration Plant - The First 6 Months of Operating Experience: 2-16.
	JW	Gorin et al., 1994, Final Disposal Options for Mercury/Uranium Mixed Wastes From the Oak Ridge Reservation: iii-21.
	JX	Daryl R., 1998, ADA Technologies, Inc. Memorandum.
	JY	1998, ADA Process for Stabilizing Radioactively Contaminated Elemental Mercury a Success, VIII (3): 1-4.
	JZ	Brown, 2000, Stabilization of Mercury Containing Wastes.
	KA	2000, Soil Screening Guidance for Radionuclides: User's Guide: i-C-8.
	KB	Davis et al., Mercury Mixed Waste Treatment: 13-23. <i>No date.</i>
	KC	Darco FGD Activated Carbon for Removal of Mercury and Dioxin From Flue Gas: 1-5. <i>No date.</i>
	KD	Conley, Hg Working Group/Treatment Demonstrations [3PCK]: 1-4. <i>No date.</i>
CAS	KE	Broderick et al., Mercury Control and Treatment Processes for Solid, Liquid and Gas Streams. <i>No date.</i>

EXAMINER <i>Chris Johnson</i>	DATE CONSIDERED <i>6/5/05</i>
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CAY	KF	Tyson, 1992, Treatability Study for the Amalgamation of a Radioactively Contaminated Elemental Mercury Waste at the Idaho National Engineering Laboratory
1	KG	Faulkner et al., Size Reduction: 132-162. <i>No date.</i>
CAY	KH	Roberts, et al., "Stabilization of Radioactively Contaminated Elemental Mercury Wastes," Paper No. 36-6, WM '98, Tucson, Arizona, March 1-5, 1998

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